

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Previously Presented) A photocatalyst coating liquid comprising, as main components, (A) titanium oxide particles formed of anatase crystal, (B) colloidal silica, (C) a binder formed of a hydrolysis-condensate of a titanium alkoxide, the hydrolysis-condensate containing organic unreacted groups and (D) a solvent, and having, based on the total solid content, a component (A) content of 5 to 50 mass%, a component (B) content, as a solid content, of 25 to 75 mass% and a component (C) content, as a TiO₂ solid content, of 10 to 55 mass%, said components (A) and (B) being dispersed in the photocatalyst coating liquid.

2. (Previously Presented) The photocatalyst coating liquid of claim 1, which comprises, as the solvent (D), an ethylene glycol monoalkyl ether or a mixture of ethylene glycol monoalkyl ether with a monoalcohol having 4 carbon atoms or less.

3. (Previously Presented) The photocatalyst coating liquid of claim 2, which comprises, as the solvent (D), the ethylene glycol monoalkyl ether and the monoalcohol having 4 carbon atoms or less in a mass ratio of 10:0 to 4:6.

4. (Currently Amended) A photocatalyst film formed from the photocatalyst coating liquid recited in any one of claims 1 to 3 comprising, as main components, (A) titanium oxide particles formed of anatase crystal, (B) colloidal silica, (C) a binder formed of a hydrolysis-condensate of a titanium alkoxide, the hydrolysis-condensate containing organic unreacted groups and (D) a solvent, and having, based on the total solid content, a component (A) content of 5 to 50 mass%, a component (B) content, as a solid content, of 25 to 75 mass% and a

component (C) content, as a TiO₂ solid content, of 10 to 55 mass%, said components (A) and (B) being dispersed in the photocatalyst coating liquid,

which film is formed by holding a coating film formed from the photocatalyst coating liquid on an organic substrate, at a temperature of 200°C or lower.

5. (Canceled).

6. (Currently Amended) The photocatalyst film of claim ~~[[5]]~~4, which is formed on an intermediate layer on an organic substrate.

7. (Original) The photocatalyst film of claim 6, wherein the intermediate layer is an organic-inorganic composite graded film.

8. (Currently Amended) A photocatalyst member having the photocatalyst film recited in any one of claims ~~[[4 to 7]]~~4, 6 or 7 on a surface thereof.

9.-10. (Canceled).